

Safe Energy Control - Comprehensive grid protection and Termitrab Complete - Signal Protection on 3,5 mm

VARGA, Zsolt

Phoenix Contact Ltd.

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The new Safe Energy Control (SEC) product range stands for long service life and high performance for lightning and surge voltage protection – these arresters provide very reliable protection. The redesigned spark gap in combination with Type 2 and Type 3 arresters offers an indispensable protection concept for power supplies.

The SEC components' uniform, compact design and universal plugability are satisfying the growing customer demand for an easy-to-install full-scale package. The correct choice of lightning current and surge voltage protector is the first step for effective building grid protection. Only an all-encompassing protection concept can mitigate the consequences of surge voltages in buildings over the long term. The new SEC product range from Phoenix Contact greatly simplifies both the choice and installation of a suitable protective device.

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Optimally harmonized protective devices ensure the safe interaction of the individual arrester types.

The redesigned spark gap, which is free of secondary power supply currents, as well as the ability to do without of a backup fuse for any type of application or arrester, both take surge protection to a new level.

If the status display of an arrester from the SEC range indicates that replacement is necessary, an additional advantage is available to the customer: Phoenix Contact will replace plugs free of charge for up to five years after purchase.

TTC – Termitrab Complete

The areas of application for TERMITRAB complete are so diverse that they can be used in any industry. Thanks to the the narrow design width, starting at 3.5 mm, the product range is ideal for process technology, as very often a high packing density is required in the distribution cabinets.

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They protect up to 572 signals on one meter, which means that your systems can be made smaller. The various approvals permit use in onshore and offshore systems, e.g., for petrochemicals or wind power.

The tailored TERMITRAB complete portfolio offers you the widest range of features, and therefore an optimum product selection for your applications. This means you can reliably protect your signals against surge voltages – from the field to the controller.